

# **CAPITAL IMPROVEMENTS PROGRAM FY 2006**

<b>PROJECT TITLE:</b> Weems Creek Bridge WM	<b>PROJECT NUMBER:</b> 709
<b>LOCATION:</b> Weems Creek/Rowe Blvd. Bridge	Committed/Spent as of \$0 04/01/05
<b>DEPARTMENT:</b> Public Works	
<b>DIVISION:</b> Water	

**DESCRIPTION:**

As part of the SHA reconstruction of the Weems Creek Bridge, the City's 12" water main must be relocated.

**JUSTIFICATION:**

Required by SHA

**STATUS:**

<b>APPROPRIATION SCHEDULE</b>	<b>PRIOR YEARS</b>	<b>CURRENT FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>TOTAL</b>
Land								0
Design								0
Construction		313,650						313,650
Inspection								0
Equipment								0
Other								0
Total	\$ 0	313,650	0	0	0	0	0	313,650

<b>FUNDING SCHEDULE</b>	<b>PRIOR YEARS</b>	<b>CURRENT FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>TOTAL</b>
Bond Funds \$								0
Operating Funds		313,650						313,650
Non City Funds								0
Total	\$ 0	313,650	0	0	0	0	0	313,650

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:**

## CAPITAL IMPROVEMENTS PROGRAM FY 2006

<b>PROJECT TITLE:</b> Emergency Water Connections	<b>PROJECT NUMBER:</b> 711
<b>LOCATION:</b> Neal Street	Committed/Spent as of \$270 04/01/05
<b>DEPARTMENT:</b> Public Works	
<b>DIVISION:</b> Water	

**DESCRIPTION:**

A 12" connection between adjacent 16" water mains owned by the City and Anne Arundel County to provide emergency water supplies to either jurisdiction.

**JUSTIFICATION:**

Currently there are no "hard pipe" connections between the two systems and emergency services must rely on fire dept. pumper trucks.

**STATUS:**

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Land								0
Design	10,000							10,000
Construction		95,000						95,000
Inspection		10,000						10,000
Equipment								0
Other		5,000						5,000
Total	\$ 10,000	110,000	0	0	0	0	0	120,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Bond Funds \$								0
Operating Funds	10,000	50,000						60,000
Non City Funds		60,000						60,000
Total	\$ 10,000	110,000	0	0	0	0	0	120,000

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:**

# CAPITAL IMPROVEMENTS PROGRAM FY 2006

<b>PROJECT TITLE:</b> Water Storage Tank	<b>PROJECT NUMBER:</b> 713
<b>LOCATION:</b> To Be Determined	Committed/Spent as of \$43,490 04/01/05
<b>DEPARTMENT:</b> Public Works	
<b>DIVISION:</b> Water	

**DESCRIPTION:**

This project is for a new water tank that will provide one million additional gallons of water storage. The location of the new storage facility is dependent upon available land and the hydraulics of the City's water distribution system. If necessary, funds for land acquisition are provided.

**JUSTIFICATION:**

The recommended water storage volume for a city of our size is one average day's usage, which is approximately 4.75 million gallons (summer usage average is 6.0 million gallons per day). Currently, we have a usable storage of 3.75 million gallons.

**STATUS:**

As of January 1, 2005, a 1,500,000 gallon tank has been completed. A second 1,000,000 gallon tank site is needed.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Land \$		100,000						100,000
Design	245,570							245,570
Construction			2,000,000					2,000,000
Inspection			45,000					45,000
Equipment								0
Other			134,080					134,080
Total \$	245,570	100,000	2,179,080	0	0	0	0	2,524,650

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Bond Funds \$			2,179,080					2,179,080
Operating Funds	245,570	100,000						345,570
Non City Funds								0
Total \$	245,570	100,000	2,179,080	0	0	0	0	2,524,650

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:** This will reduce annual electrical costs at the Water Plant by allowing continuous pumping at a lower rate.

# CAPITAL IMPROVEMENTS PROGRAM FY 2006

<b>PROJECT TITLE:</b> Water Tank Rehabilitation	<b>PROJECT NUMBER:</b> 721
<b>LOCATION:</b> Various	Committed/Spent as of \$0
<b>DEPARTMENT:</b> Public Works	04/01/05
<b>DIVISION:</b> Water	

**DESCRIPTION:**

Painting of the tanks is a cyclic program and must be expected to repeat on a 7 to 10 year cycle. The next tank painting cycle is expected to be necessary in 2007 and continuing each year through 2009.

**JUSTIFICATION:**

Painting of the tanks is required to maintain water quality and to maintain the tank structure.

**STATUS:**

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Land \$								0
Design								0
Construction			190,000	226,500	257,000			673,500
Inspection			16,000	18,000	20,000			54,000
Equipment								0
Other			6,000	7,000	7,000			20,000
Total \$	0	0	212,000	251,500	284,000	0	0	747,500

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Bond Funds \$								0
Operating Funds			212,000	251,500	284,000			747,500
Non City Funds								0
Total \$	0	0	212,000	251,500	284,000	0	0	747,500

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:** None

# **CAPITAL IMPROVEMENTS PROGRAM FY 2006**

<b>PROJECT TITLE:</b> New Water Well	<b>PROJECT NUMBER:</b> 722
<b>LOCATION:</b> Water Treatment Plant	Committed/Spent as of \$0 04/01/05
<b>DEPARTMENT:</b> Public Works	
<b>DIVISION:</b> Water	

**DESCRIPTION:**

The recent failure of production with well #8 has resulted in reduced water plant capacity.

**JUSTIFICATION:**

This new well will replace the lost capacity of well #8 and insure an adequate water supply during high demand periods.

**STATUS:**

<b>APPROPRIATION SCHEDULE</b>	<b>PRIOR YEARS</b>	<b>CURRENT FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>TOTAL</b>
Land								0
Design		50,000						50,000
Construction		500,000						500,000
Inspection		20,000						20,000
Equipment								0
Other		30,000						30,000
<b>Total</b>	<b>\$ 0</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

<b>FUNDING SCHEDULE</b>	<b>PRIOR YEARS</b>	<b>CURRENT FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>TOTAL</b>
Bond Funds \$								0
Operating Funds		600,000						600,000
Non City Funds								0
<b>Total</b>	<b>\$ 0</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:**

## CAPITAL IMPROVEMENTS PROGRAM FY 2006

<b>PROJECT TITLE:</b> Clear Well Replacement	<b>PROJECT NUMBER:</b> 942
<b>LOCATION:</b> Water Treatment Plant	Committed/Spent as of \$116,690 04/01/05
<b>DEPARTMENT:</b> Public Works	
<b>DIVISION:</b> Water	

**DESCRIPTION:**

The existing clear well is open to the atmosphere. This water is pumped directly into the distribution system with only the addition of chlorine.

**JUSTIFICATION:**

Replacement with two 1,000,000 gallon concrete ground level tank will remove contamination threat and provide for emergency storage.

**STATUS:**

As of January 2005, design is underway.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Land \$								0
Design	25,000	90,000						115,000
Construction	300,000	600,000	300,000					1,200,000
Inspection	15,000	25,000						40,000
Equipment								0
Other	25,000	58,000						83,000
Total \$	365,000	773,000	300,000	0	0	0	0	1,438,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	TOTAL
Bond Funds \$	683,000							683,000
Operating Funds	365,000		390,000					755,000
Non City Funds								0
Total \$	1,048,000	0	390,000	0	0	0	0	1,438,000

**ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:**